

# Data Sheet



## Eucodis Lipase Kit

Cat. No.	Formulation	Sales Unit
EL Kit	screening grade	100mg-1g each

For research use only.  
Store at 4-8°C.

### Application

Eucodis lipases can be utilized as enzymes catalyzing hydrolytic reactions.

### Form

25 Vials  
Powder, slightly brown, lyophilized  
Protein content ~10 %

### Specifications

Name	Eucodis Lipase Kit
E.C.	3.1.1.3
Origin	prokaryotic
Source	recombinant
pH Optimum	7.5-9
pH Stability	6-9

### Function

Lipases belong to the family of esterases and naturally act on triglycerides at lipid-water interfaces. Lipases/esterases can be used as versatile tools in hydrolytic reactions, esterifications and transesterification reactions in industrial and food applications.

### Usage

Eucodis lipases lyophilisates are partly soluble in water. Before use remove insoluble material by centrifugation. The lyophilisates should be protected from high temperatures and excessive moisture.

Recommended restoration buffer:  
20 mM phosphate, pH 7.4

The Eucodis Lipase kit contains 100mg-1g of each of the following lipases:

Eucodis Lipase Kit			
EL001	EL003	EL004	EL006
EL008	EL009	EL012	EL013
EL014	EL015	EL016	EL017
EL020	EL030	EL031	EL032
EL037	EL038	EL044	EL056
EL064	EL065	EL067	EL068
EL070			

For information on activity, substrate preference and reaction conditions, please consult the datasheet of the individual lipase.